



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

0048

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Executive Director

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Division Director

355 West North Temple
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Salt Lake City, Utah 84180-1203
801-538-5340

INSPECTION REPORT

Partial: X Complete: Exploration:
Inspection Date & Time: October 28, 1992/10:30 a.m.-3.10 p.m.
Date of Last Inspection: 9/23/92

Mine Name: Skyline Mine County: Carbon Permit Number: ACT/007/005
Permittee and/or Operator's Name: Coastal States Energy / Utah Fuel
Business Address: P.O. Box 719; Helper, Ut. 84527. (801) 637-7925
Type of Mining Activity: Underground X Surface Prep. Plant Other
State Official(s): Sharon Falvey
Company Official(s): Keith Zobell
Federal Official(s): None
Weather Conditions: Cloudy, Raining
Existing Acreage: Permitted- 7067.11 Disturbed- 62.08 Regraded- Seeded- Bonded- 62.41
Increased/Decreased: Permitted- Disturbed- Regraded- Seeded- Bonded-
Status: Exploration/ X Active/ Inactive/ Temporary Cessation/ Bond Forfeiture
Reclamation (Phase I/ Phase II/ Final Bond Release/ Liability Year)

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

Instructions

- Substantiate the elements on this inspection by checking the appropriate performance standard.
 - For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
 - For partial inspections check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENF
1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4th Quarter-April, May, June) <u> </u> (date)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INSPECTION REPORT

(Continuation sheet)

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PERMIT NUMBER: ACT /007 /005

DATE OF INSPECTION: 10/28/92

(Comments are Numbered to Correspond with Topics Listed on Page 1)

4. HYDROLOGIC BALANCE:
a. DIVERSIONS

Ditches 12 and 13 at the waste rock site were not visited because dampness limited transportation by vehicle and therefore posed a time constraint. Ditch DD-9 was visually reviewed. Mr. Keith Zobell indicated the riprap at the base of culvert CD-6 and ditch DD-9 required attention. I agreed. The rock placement was not designed with adequate grading or riprap depth. The operator should install the riprap to standard engineering requirements, riprap depth should be at least as large as the largest diameter stone, proper grading is necessary. A filter blanket should be considered. The cement U-shaped portion of the ditch contained an area open to gravel under the cement. This area should be re-poured to prevent water from moving under the cement and causing erosion to the channel.

c. OTHER SEDIMENT CONTROL MEASURES

Area 6, at the entrance to Mine No. 3, was receiving water from the road above area 7. The operator was informed of this water's potential to contribute sediment to downstream waters. The operator placed straw bales at the edge of the berm to treat the water prior to leaving the site. The operator should provide additional grading to the road or other measures to assure water will not move untreated off the site.

Sediment was collected in a sediment laden straw bale downstream of Area 6. However, according to Mr. Zobell, these bales are out of the permit area and are part of an agreement with UDOT. He indicated it was not his responsibility, per the UDOT agreement, to clean the bale until Skyline completes conveyor construction.

e. EFFLUENT LIMITATIONS

The Mine no. 3 pond was discharging during my visit. Water samples were obtained at NPDES discharge point 001 (upper pond). Samples for TDS, TSS and Oil and Grease were obtained. The water appeared slightly discolored in the collected sample. Analysis received from the lab presented the following results. Oil and Grease 5 mg/l, Total Dissolved Solids (TDS) 1,110 Mg/l, Total Suspended Solids 60 mg/L. The discharge has exceeded the 1,000 mg/L TDS daily maximum limit. It is noted that the exceeded value is lower than some of the previously exceeded values however, the pond was receiving considerable inflow from the precipitation event occurring that day and days previous. The inflow from the precipitation event would have a lower TDS concentration and the potential to dilute the mine water's higher TDS concentration.

A Notice of Violation is not issued for this exceeded NPDES limit because the termination date of NOV 92-37-3-1, for TDS exceedences, was based on a response received at the Division from Keith Welch on November 2, 1992.

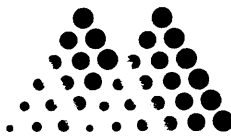
Copy of this Report:

Mailed to: Bernie Freeman (OSM), Keith Zobell Utah Fuel

Given to: Joe Helfrich (DOGM), Daron Haddock DOGM

Inspector's Signature: Sharon K. Falvey # 38 Date: 11/9/92

Enclosure



Mountain States Analytical

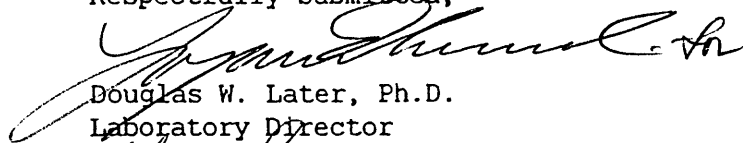
The Quality Solution


CLIENT: Oil, Gas, & Mining
3 Triad Center
Salt Lake City, UT 84180-1203
Phone: 801-538-5340 801-359-3940 (FAX)
ATTN: Ms. Sharon Falvey
Project: Skyline Pond

Date Samples Rec'd: 10/30/92
MSAI Group No.: 9259
Sample Matrix: Aqueous
Report Date: 11/05/92
P.O. Number: 583955

LAB SAMPLE NO. DATE	SAMP SAMPLE DESCRIPTION TIME	ANALYSES PERFORMED	RESULT
36691 10/28/92	245 NPDES 001	OIL & GREASE, w/ww Solids, Dissolved TDS Solids, Suspended (TSS)	5 mg/l 1,110 mg/l 60 mg/l

Respectfully submitted,


Douglas W. Later, Ph.D.
Laboratory Director


Glenn A. Sorensen, B.S.
Manager, Technical Operations

RECEIVED

NOV 10 1992

DIVISION OF
OIL GAS & MINING

